

BR.050 - INFORMATION FLOW MODEL

The Department of Transportation DELPHI Program



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Creation Date:	August 17, 1998
Last Updated:	August 21, 1998
Control Number:	BR.050
Version:	2

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Introduction

Purpose

The purpose of the **Information Flow Model** document is to identify the information flows between the different applications within DELPHI. This document visually depicts information flows for DELPHI, resulting from business events and business processes. This document, together with the Information Access Model BR.060, creates an information view of the business process.

Scope and Application

This document addresses the information flows of key business functions and is useful in the following processes:

- Business Requirements Definition
- Application and Technical Architecture
- Module Design and Build

Sources

The following documents were used to develop this **Information Flow Model**:

- Future Process Model deliverable (RD.030)
- Integration Fit Analysis deliverable (BR.040)
- Business Requirements Scenarios deliverable (RD.070)

Information Flow Between Business Functions

This section lists the information flows between key business functions.

Process	Source Business Function	Destination Business Function	Business Object Transferred
Transfer Invoices and Payments to GL	Accounts Payable	General Ledger	Invoices and Payments
Mass Additions	Accounts Payable	Fixed Assets	Fixed Asset Additions
Accumulate Costs	Accounts Payable	Project Accounting	Invoice Costs
Vendor Invoice Costs	Accounts Payable	Project Accounting	Vendor Invoice Costs
Funds Availability Checks	Purchasing	General Ledger	Requisitions, Purchase Orders
Matched Purchase Orders	Purchasing	Accounts Payable	Purchase Orders
Receipt Accruals	Purchasing	General Ledger	Accruals
Transfer Cash Receipts to GL	Accounts Receivable	General Ledger	Cash Receipts and other receivables
Enter Invoices	Project Accounting	Accounts Payable	Misc. Invoices
Invoices Transfer	Project Accounting	Accounts Receivable	Draft Invoices
Maintain and Manage CIP Assets	Project Accounting	Fixed Assets	CIP Assets
Vendor Invoice Cost Transfers	Project Accounting	Accounts Payable	Vendor Invoice Costs
Transfer Revenue to GL	Project Accounting	General Ledger	Project Revenue
Transfer Journal Entries to GL	Project Accounting	General Ledger	Labor Costs and Transfers, Usage Costs and Transfers
Import Journal Entries from Assets	Fixed Assets	General Ledger	Depreciation Expense
Import Purchase Orders from external Purchasing system	External Purchasing System	Purchasing	Purchase Orders

Cross-Business Function Information Flow Diagrams

The following diagram represents the cross-business functions that have been identified for the DELPHI system.

DELPHI System Flow



